Butterfly.—The ground-color of the upper side is bright red, clouded with fuscous on the base of the hind wings and bordered with the same color. There is a small precostal white spot on the primaries near the apex. The wings are profusely marked with small black spots arranged in transverse series and bands. The fringes are checkered with white. On the under side the wings are pale reddish, mottled with buff on the secondaries. The black spots and markings of the upper side reappear on the under side and stand out boldly on the lighter ground-color. Expanse, 1.00-1.25 inch.

Early Stages.—These are beautifully delineated in "The Butterflies of North America," vol. ii. The egg is pale green, turban-shaped, covered with hexagonal reticulations. The caterpillar is rather stout and short, the first segment projecting over the head. The body is somewhat flattened and tapering behind, covered with tufts of hairs projecting outward and downward on all sides, only the two rows of short tufts on the back sending their hairs upward. The color is mouse-gray, striped longitudinally on the back with yellowish-white, the tufts more or less ringed about at their base with circles of the same color. The chrysalis is blackish-brown, attached at the anal end, held in place by a girdle, but not closely appressed to the surface on which pupation has taken place, and thickly studded with small projecting hairs. The larva lives on the wild plum.

Nats occurs from Colorado to Mexico east of the Rocky Mountains.

(6) Lemonias palmeri, Edwards, Plate XXVIII, Fig. n, $
(Palmer's Metal-mark).

Butterfly.—Smaller than any of the preceding species. The ground-color of the wings is mouse-gray, spotted with white; on the under side the wings are whitish-gray, laved with pale red at the base of the fore wings. The white spots of the upper side

reappear on the under side. Expanse, • -75--9J inch.

Early Stages.—These are, so far as they have been worked out by Edwards, quite similar in many respects to those of the preceding species.

The range of the species is from Utah southward to Mexico.

(7) Lemonias **zela,** Butler, Plate XXVIII, Fig. 17, $; Fig. 18, ? (Zela).

Butterfly.—The upper side of both sexes is delineated in the